

# **IMAGE SIGNAL CODING DEVICE AND IMAGE SIGNAL DECODING DEVICE**

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**Inventor(s):** FUKUDA HIROYUKI +

**Applicant(s):** OLYMPUS OPTICAL CO +

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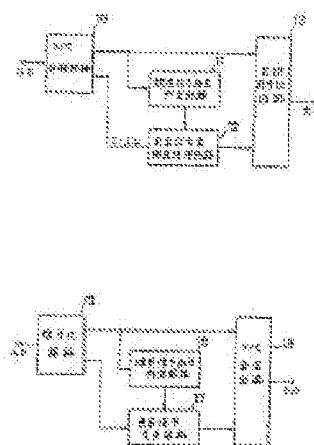
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## **Abstract of JP 4311195 (A)**

**PURPOSE:**To offer an image signal coding/decoding device capable of suppressing a color difference signal mosquito noise generated by the coding/decoding of an image signal.

**CONSTITUTION:**The coding/decoding device is constituted so that an input image signal is separated into a brightness signal Y and a color difference signal Cr by an Y/C separating circuit 10, the signal Y is compared with a prescribe threshold by a brightness signal picture element judging circuit 11, after distortion suppressing processing for easing a sudden change in the color difference signal judged as 'saturated picture element', the processed data are outputted as coded image data and decoded by a decoding circuit 15, the decoded brightness signal is led to a brightness signal picture element judging circuit 16 to judge 'saturated picture element', the value of the 'saturated picture element' color difference signal is changed to '0' by a color difference signal changing circuit 17, the changed color difference signal and the brightness signal from the decoding circuit 15 are synthesized by an Y/C synthesizing circuit 18, and the synthesized signal is outputted as a reproduced signal.



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